

Robots have the Right-of-Way

**When Someone
Shouts**

“ROBOT”

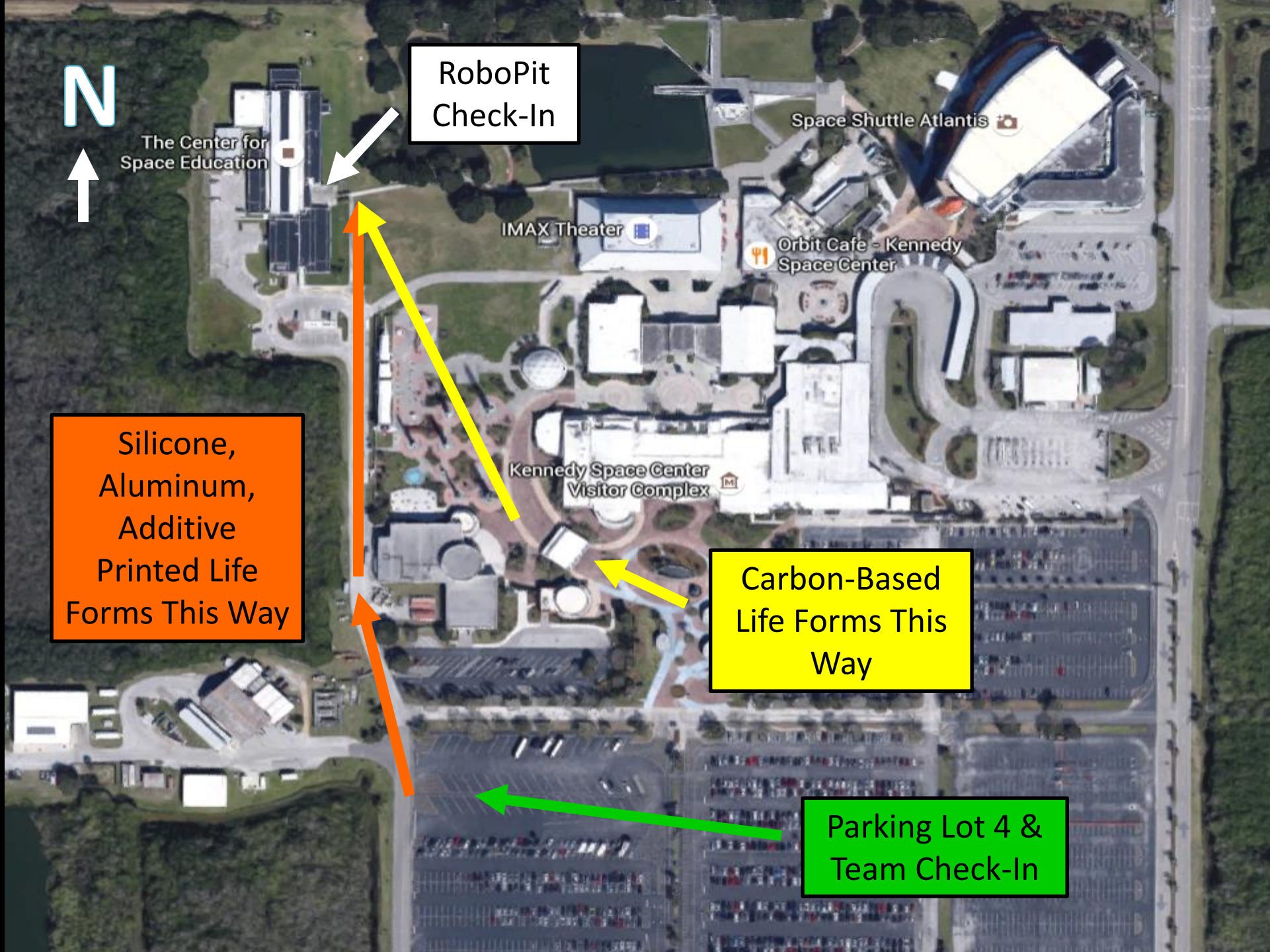
Clear the Path

Team Penalty Points assessed for:

NOT shouting out “ROBOT”

NOT getting Out-of-the-Way

Morning Check In



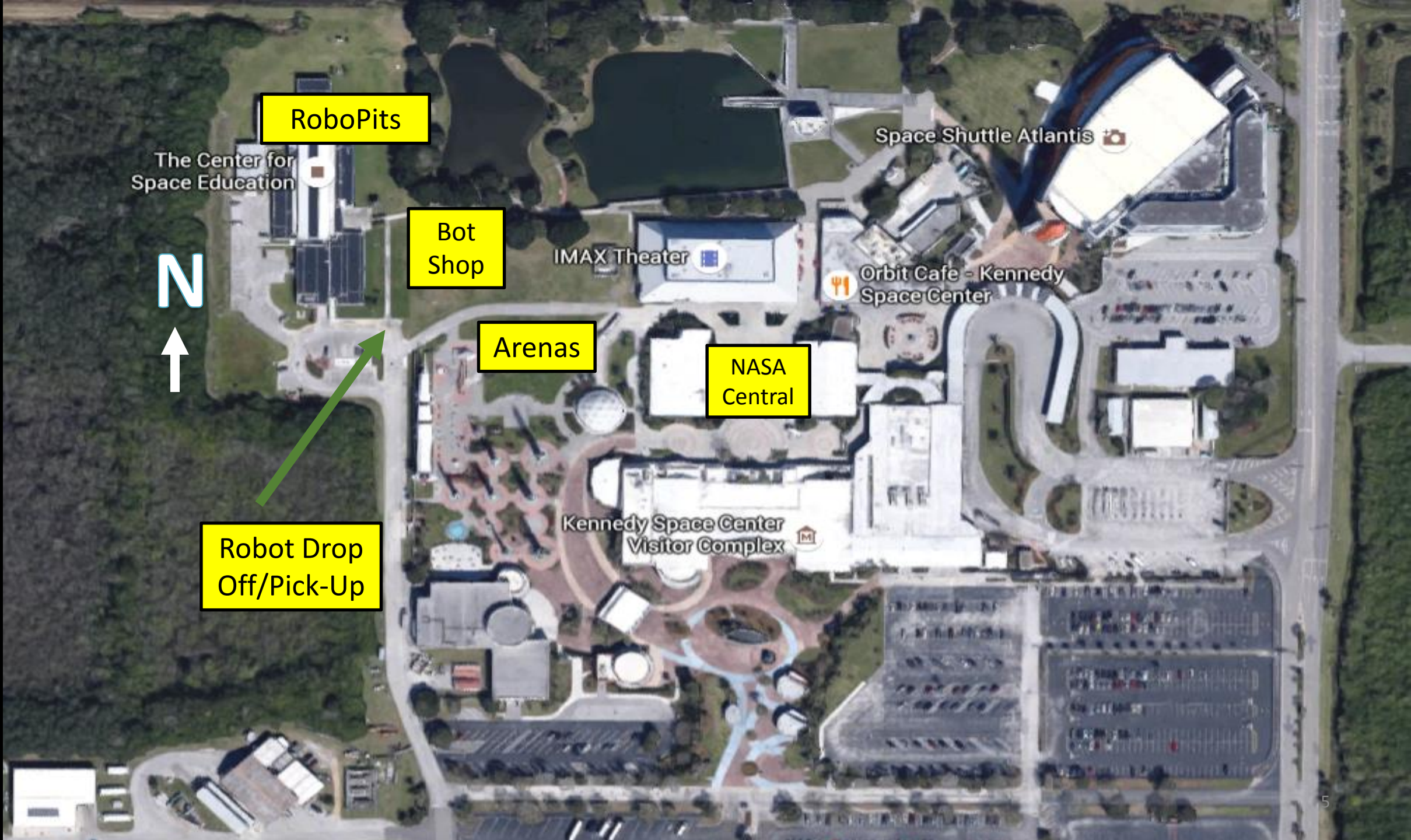
Silicone,
Aluminum,
Additive
Printed Life
Forms This Way

RoboPit
Check-In

Carbon-Based
Life Forms This
Way

Parking Lot 4 &
Team Check-In

Competition Layout



RoboPits

The Center for
Space Education

N
↑

Bot
Shop

IMAX Theater

Space Shuttle Atlantis

Orbit Cafe - Kennedy
Space Center

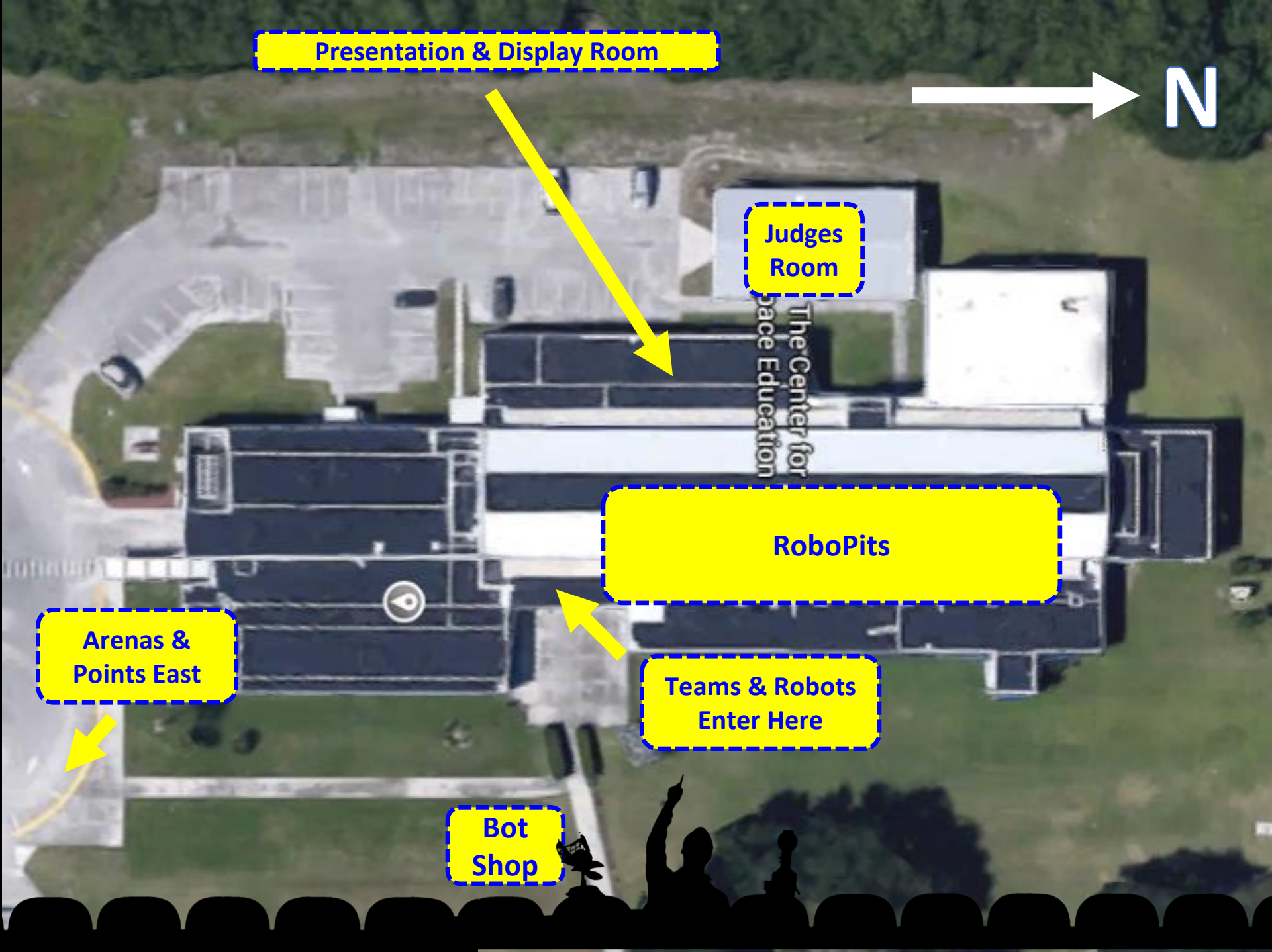
Arenas

NASA
Central

Robot Drop
Off/Pick-Up

Kennedy Space Center
Visitor Complex

Center for Space Education



Presentation & Display Room

Judges
Room

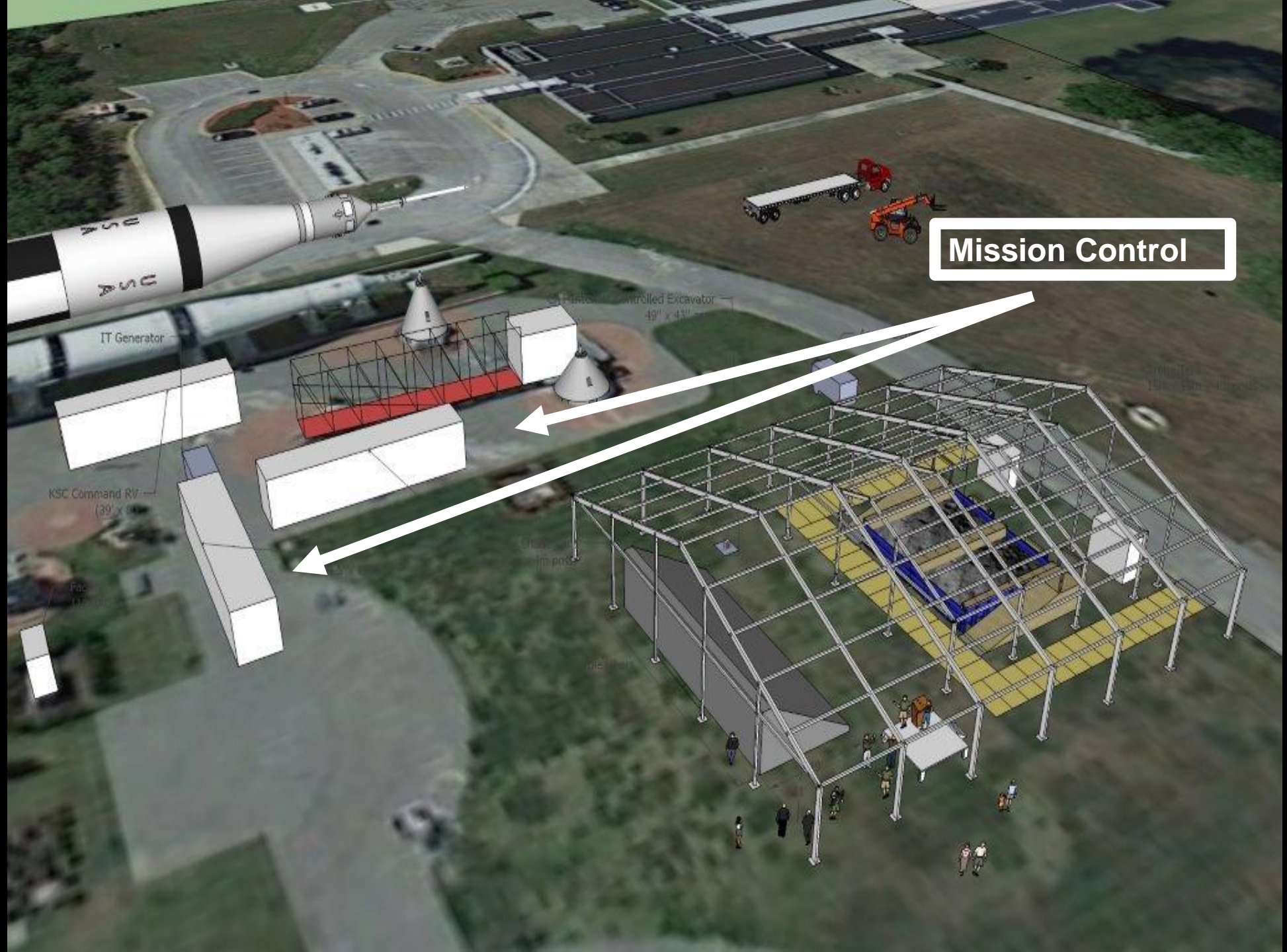
RoboPits

Arenas &
Points East

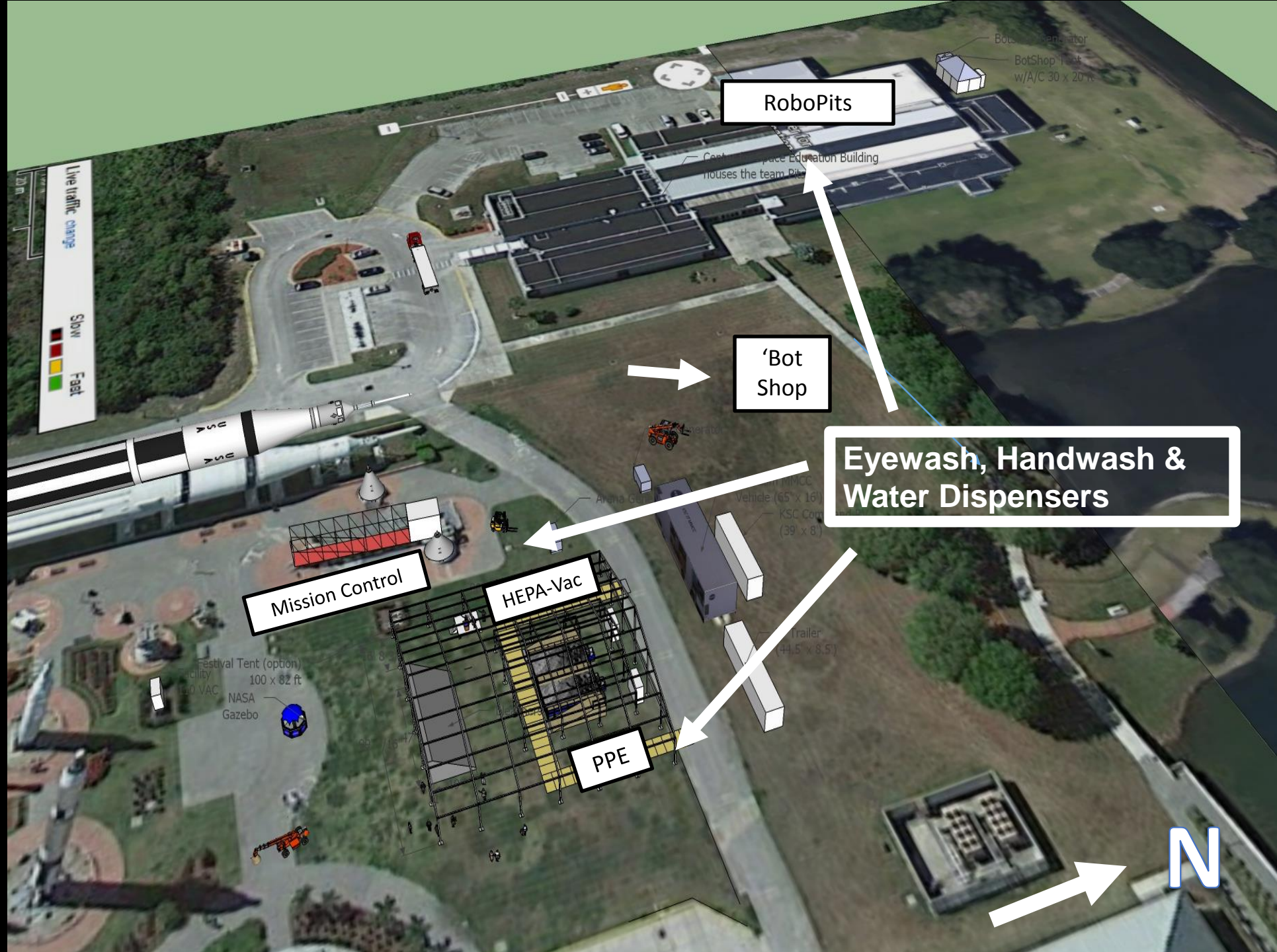
Teams & Robots
Enter Here

Bot
Shop

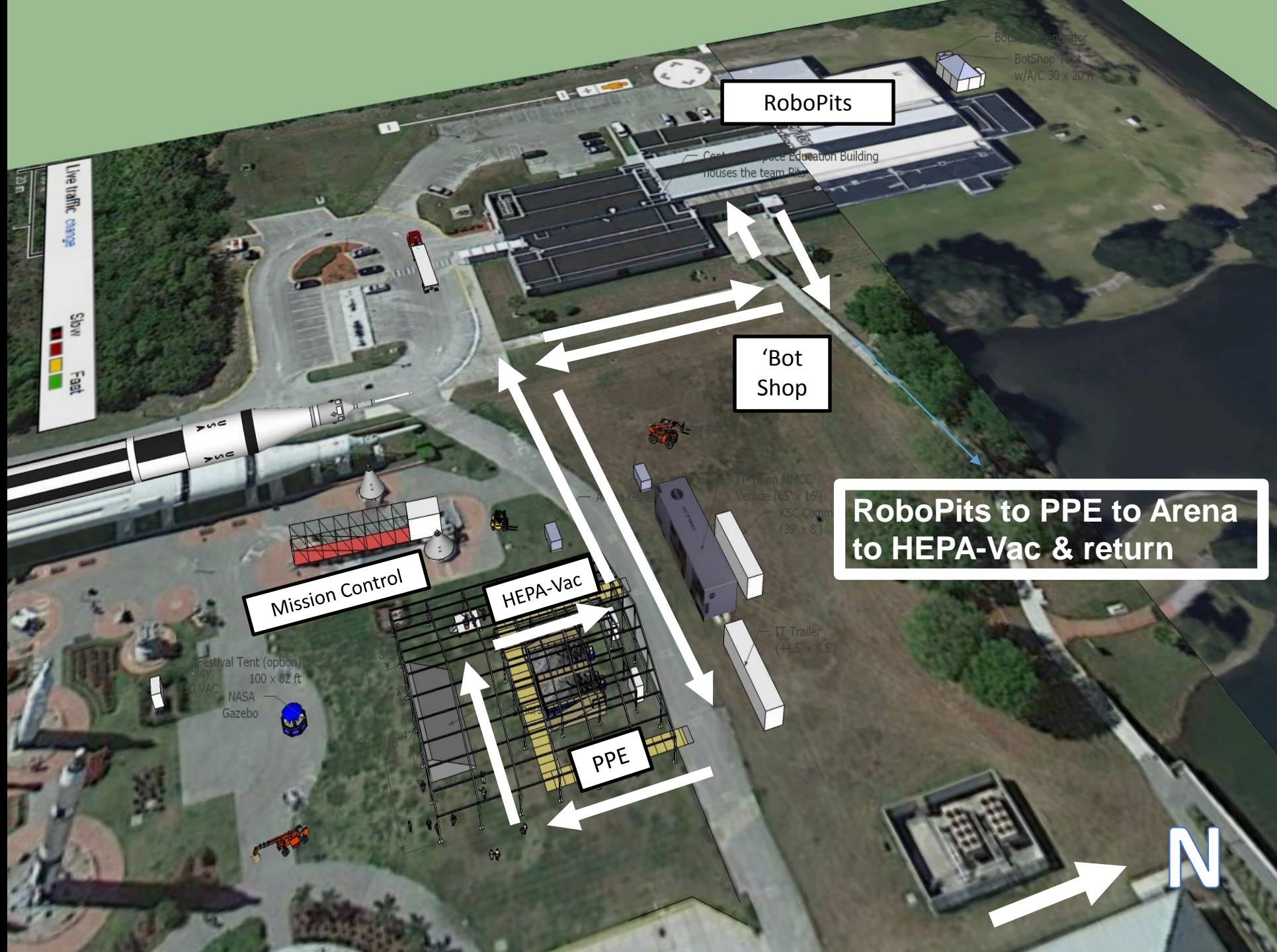
Mission Control



Eyewash, Handwash & Water Dispensers



Robots to Arenas Traffic Route



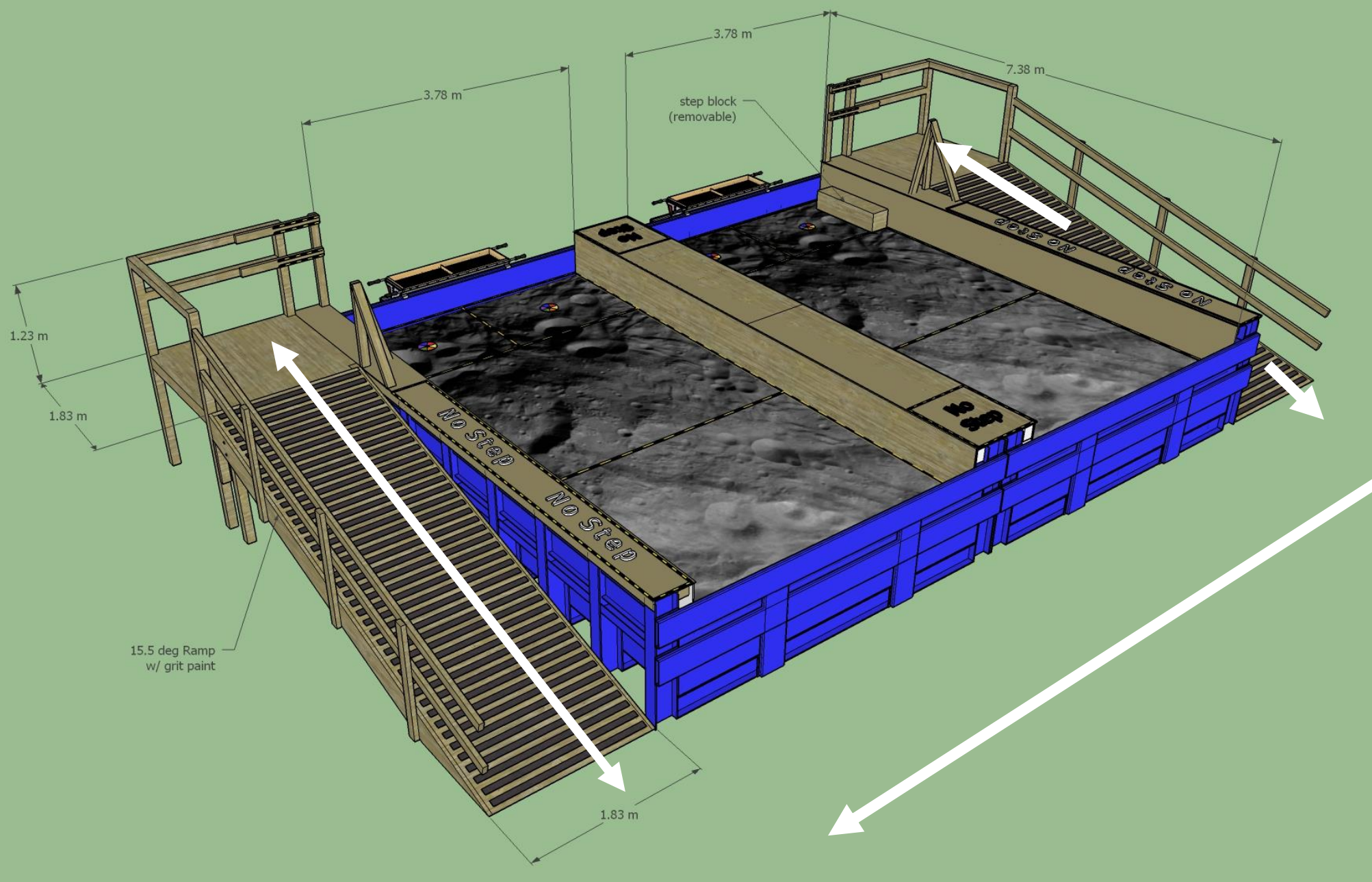
Caterpillar Competition Arena

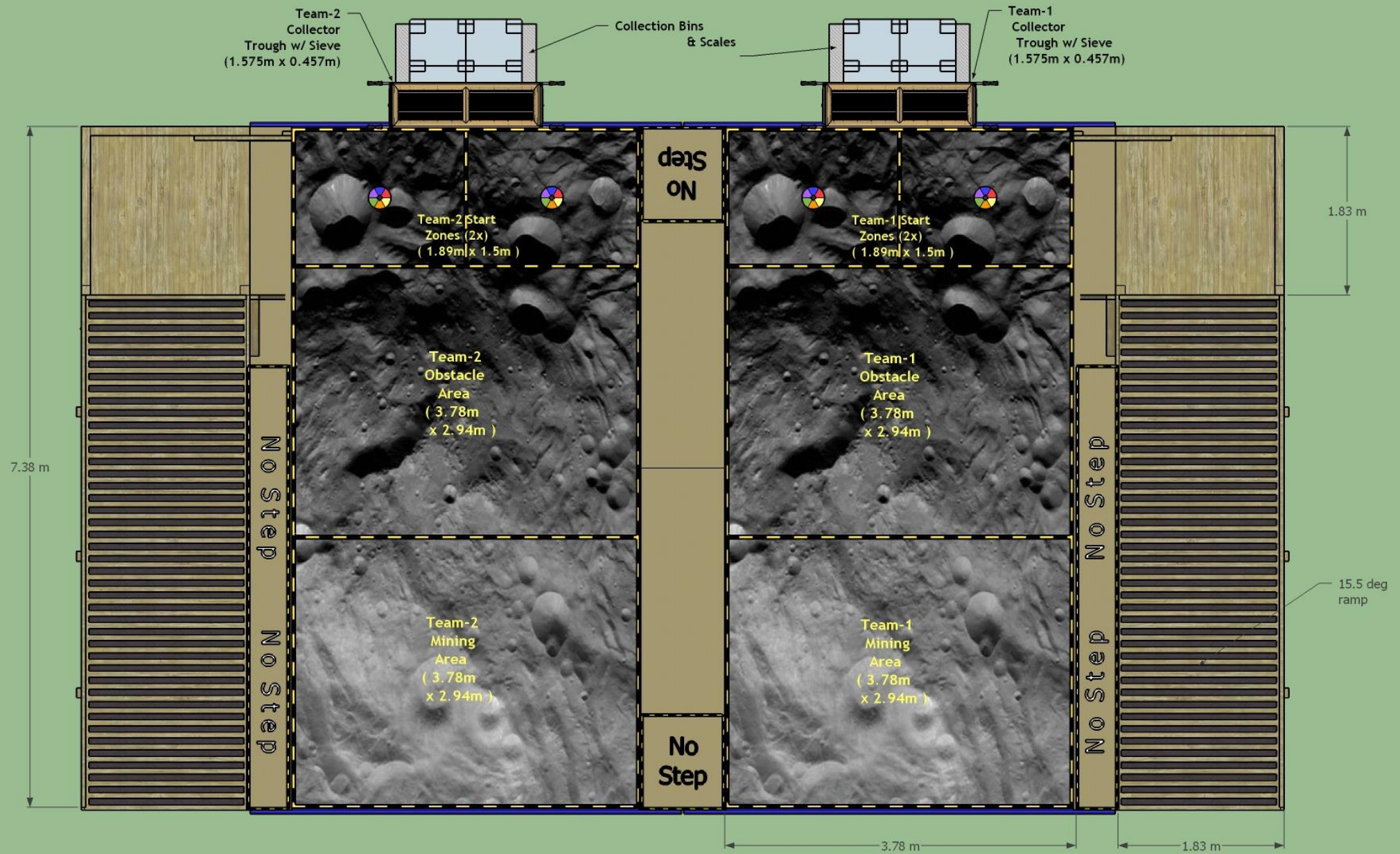


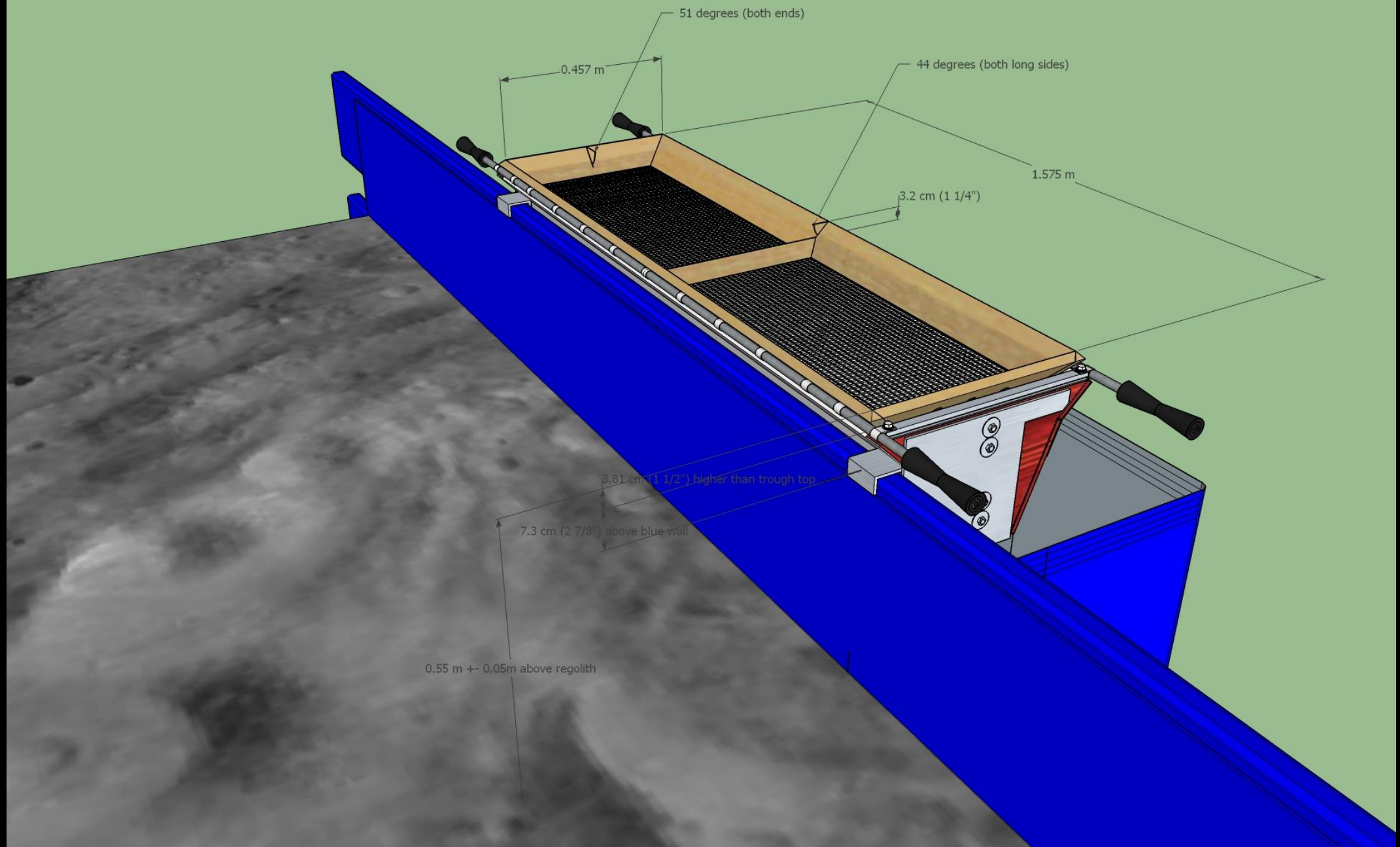
PPE

HEPA-Vac



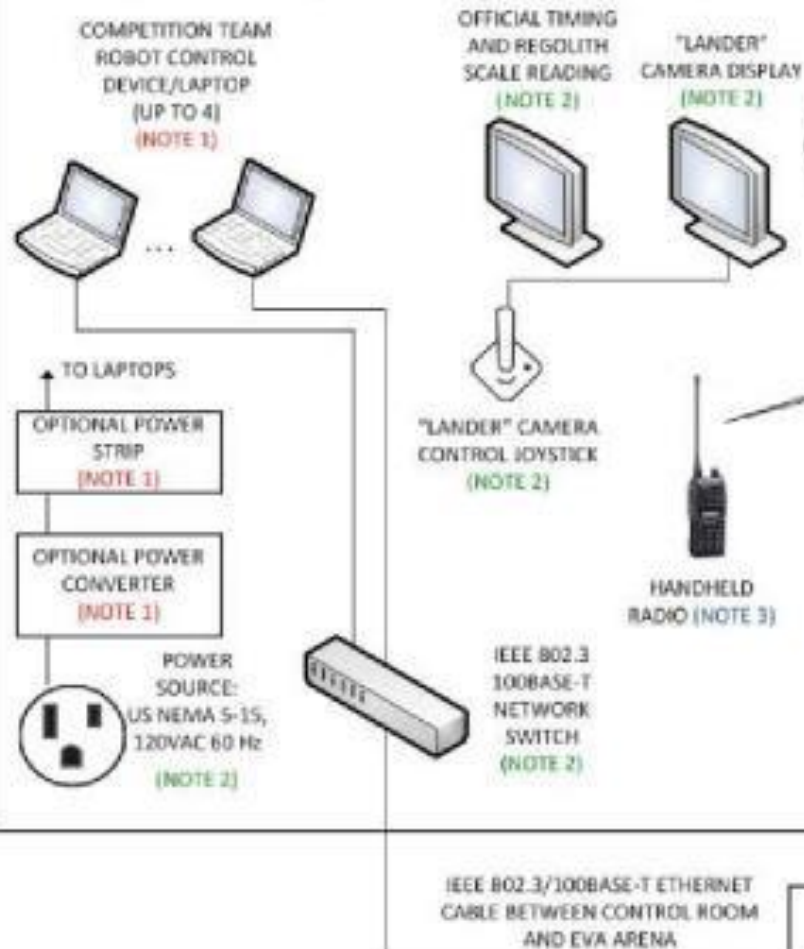




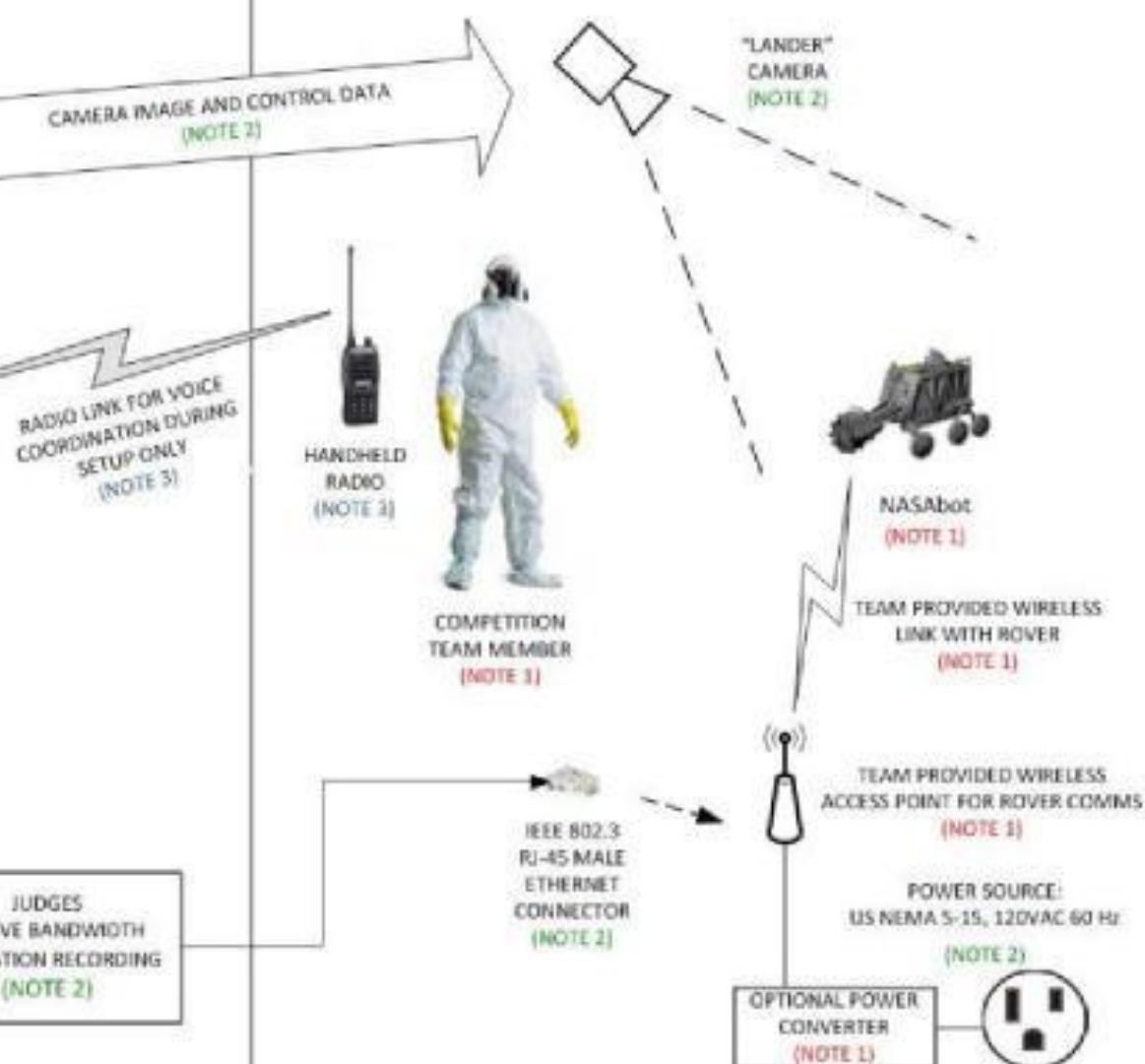


Robot Communications

CONTROL ROOM (SIDE A OR B, SAME CONFIGURATION)



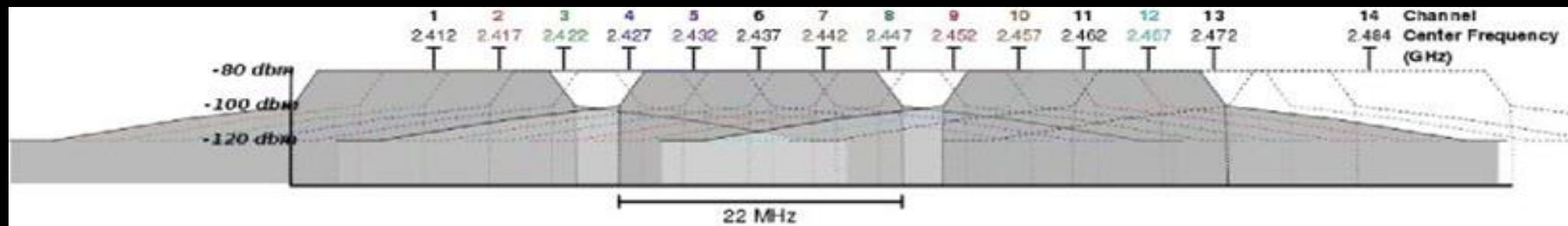
ARENA (SIDE A OR B, SAME CONFIGURATION)



NOTE 1: These items are supplied by/provided by the University/NASAbot teams.

NOTE 2: These items are provided by NASA.

NOTE 3: Radios are provided by NASA for team use during NASAbot setup only.

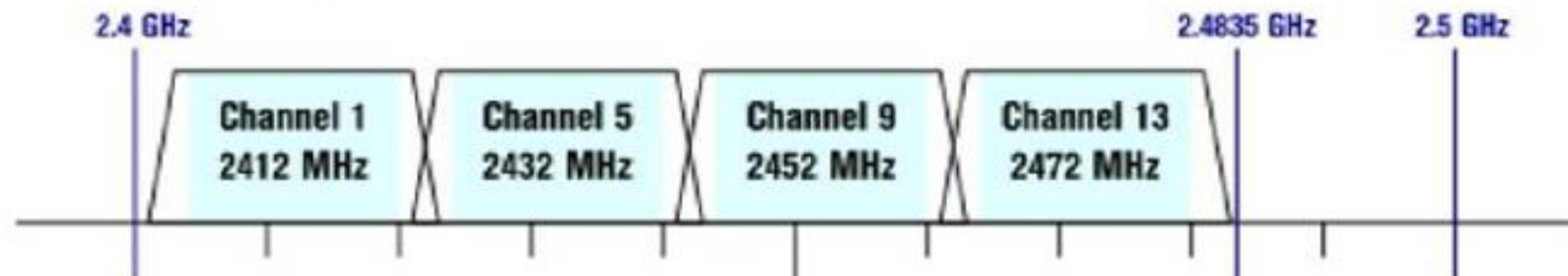


Non-Overlapping Channels for 2.4 GHz WLAN

802.11b (DSSS) channel width 22 MHz



802.11g/n (OFDM) 20 MHz ch. width – 16.25 MHz used by sub-carriers



SAFETY



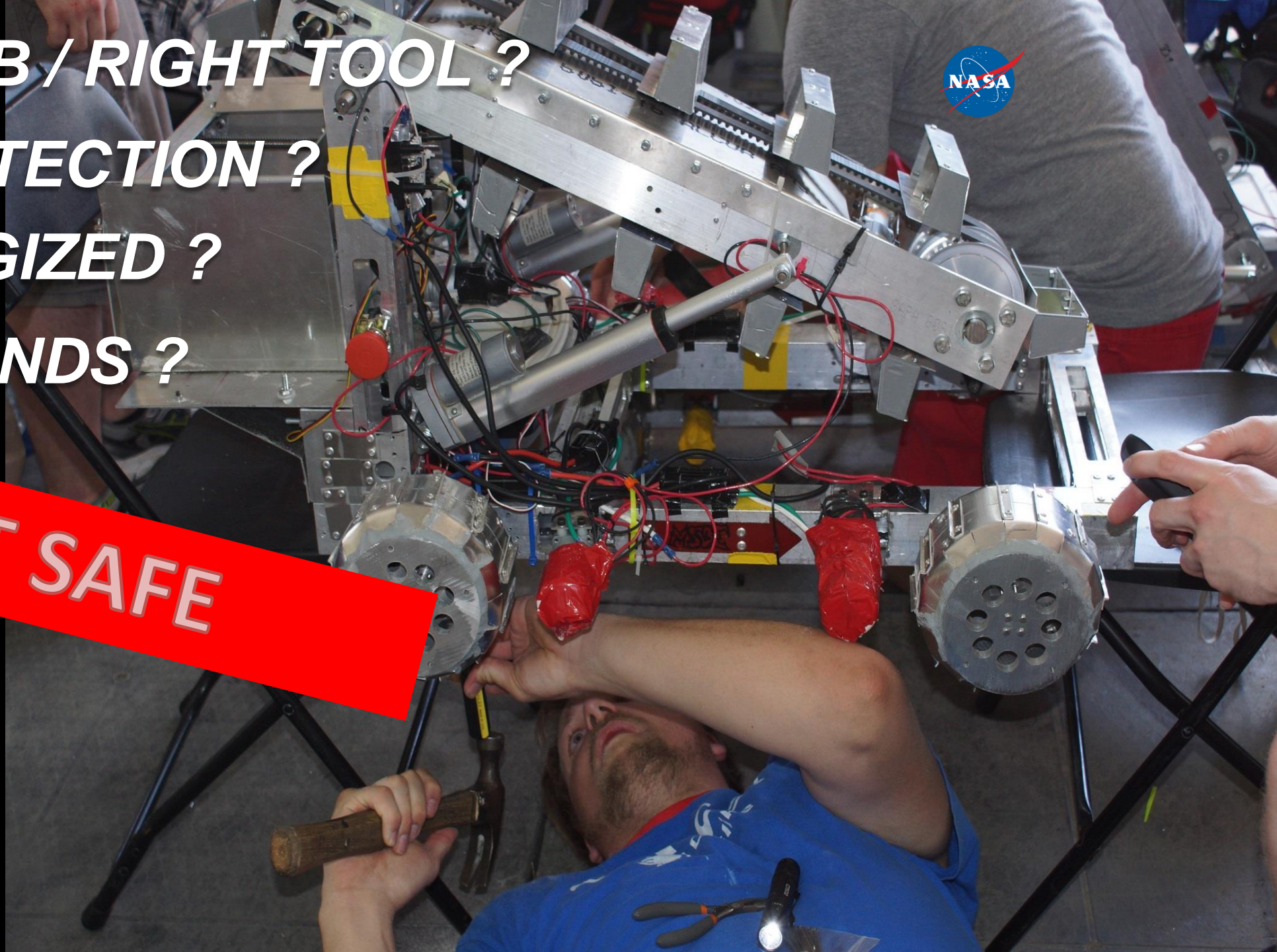
RIGHT JOB / RIGHT TOOL ?

EYE PROTECTION ?

DE-ENERGIZED ?

JACK STANDS ?

NOT SAFE



HOUSEKEEPING

KSC Environmental Requirements

IAW KNPR 8500.1 Chapter 13

RMC will comply with the KSC hazardous and controlled waste program requirements.

Here is a tentative plan to support the robotic competition and waste products that might be produced:

We will provide accumulation containers, properly marked and labeled, for the following waste streams:

- ☐ **Spent aerosol cans**
- ☐ **Oily rags**
- ☐ **Used oils**
- ☐ **Spent Batteries**

KSC Environmental Requirements

IAW KNPR 8500.1 Chapter 13

We will also provide some tote trays for any other chemical products that are discarded by the robotic teams, and will sort through the products for proper classification and disposal through our Drop Your Chemicals Off Here program.

Questions? Contact the RoboPit Chief



Good for NASA,
Good for America,
Good for All of US.